Abstract

The invention includes a rechargeable galvanic element with at least one lithium-intercalating electrode and a sealed thin flexible casing having two metal or composite metal/plastic sheets joined to each other by an adhesive or sealing layer. Inside the element, a PTC element is connected in series into one of the terminal leads. The PTC element is embedded inside the cell or into the edge of the element in the region of an adhesive or a sealing layer and is provided with a plastic coating resistant to organic electrolytes.